



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

Kolbe & Kolbe Millwork Co., Inc.
1211 Depot Street
Manawa, WI 54949

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "V707 Windquest" White PVC Awning Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **08-00340**, titled "V707 Windquest White PVC Awning Window - 53 x 32", sheets 1 thru 9 of 9, dated 12/09/07 with revision C dated 09/08/11, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **08-0324.19** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 11-0720.05
Expiration Date: October 30, 2013
Approval Date: January 23, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **08-00340**, Sheets 1 through 9 of 9, titled "V707Windquest White PVC Awning Window", dated 12/09/07 with revision C dated 09/08/11, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a series V707 Windquest white PVC awning window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-13646-1**, specimen 1 through 10, dated 07/30/10, revised on 05/03/11, signed and sealed by Harold E. Rupp, P.E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a series V707Awning white PVC awning window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-10633-21**, dated 08/31/06, signed and sealed by Harold E. Rupp, P.E.
(Submitted under previous NOA #08-0324.19)

C. CALCULATIONS:

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, dated 03/11/11 and updated on 01/25/12, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Glazing complies with ASTM E1300-04.


Manuel Perez, P.E.
Product Control Examiner
NOA No. IT-0720.05

Expiration Date: October 30, 2013
Approval Date: January 23, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their **"DuPont Butacite® PVB Interlayer"** dated 09/08/11, expiring on 12/11/16.
2. Notice of Acceptance No. **08-0620.09** issued to Thermoplast, Inc. for their **"White Rigid PVC Exterior Profile Extrusions for Windows and Doors"** dated 08/07/08, expiring on 07/05/12.

F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2007 and FBC-2010, and of no financial interest, dated 01/25/12, signed and sealed by Luis R. Lomas, P.E.

G. OTHERS

1. Notice of Acceptance No. **08-0324.19**, issued to Kolbe & Kolbe Millwork Co. for their Series **"V707 Awning"** White PVC Awning Window – L.M.I., approved on 10/30/08 and expiring on 10/30/13.


Manuel Perez, P.E.
Product Control Examiner

NOA No. 11-0720.05

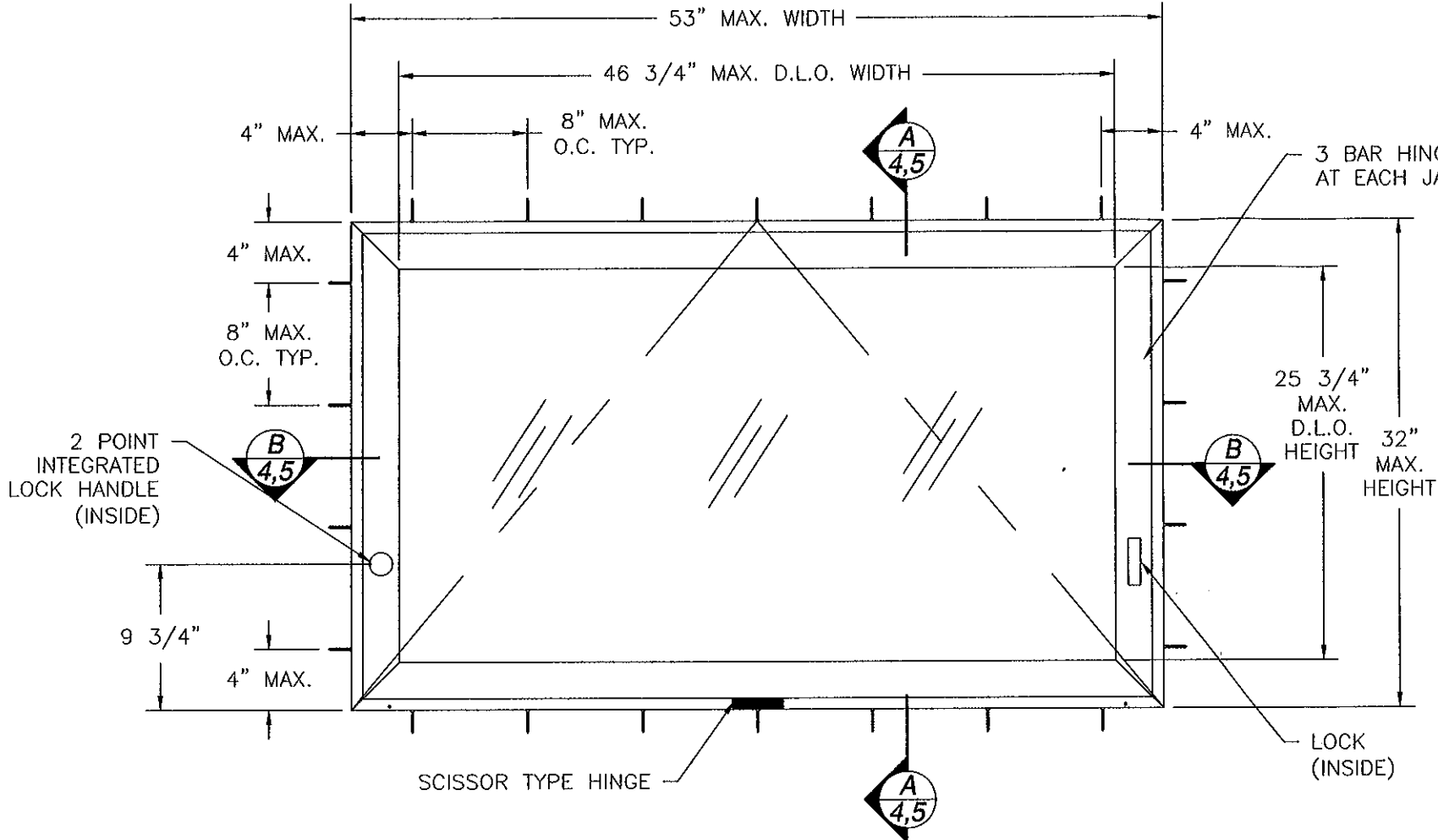
Expiration Date: October 30, 2013

Approval Date: January 23, 2012

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER M.D. COMMENTS	9/16/08	R.L.
B	UPDATED PER NEW TESTING	03/11/11	R.L.
C	REVISED CROSS SECTIONS CALLOUTS	09/08/11	R.L.

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
- 2) WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3) 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 4) UNITS MUST BE GLAZED PER ASTM E1300. SEE SHEET 3 FOR GLAZING DETAIL.
- 5) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 6) FOR FLUSH AND STRAP ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 7) FOR FLUSH AND STRAP ANCHORING INTO MASONRY USE 3/16" ITW TAPCONS OR 3/16" ELCO ULTRACON TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 5/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 8) FOR FIN ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 9) ALL FASTENERS TO BE CORROSION RESISTANT.
- 10) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW.
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
- 12) SINGLE LEAF AND DUAL BULB-VINYL WEATHERSTRIPS ARE EXTRUDED AND WELDED INTO MAIN FRAME



V707 WINDQUEST PRIME AWNING WINDOW
STRAP INSTALLATION
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±60PSF	LARGE AND SMALL MISSILE IMPACT

WEEP HOLE LOCATIONS:

- 1) 5/32" DIAMETER HOLE LOCATED 2 1/2" FROM EACH END OF BOTTOM RAIL TRACK.

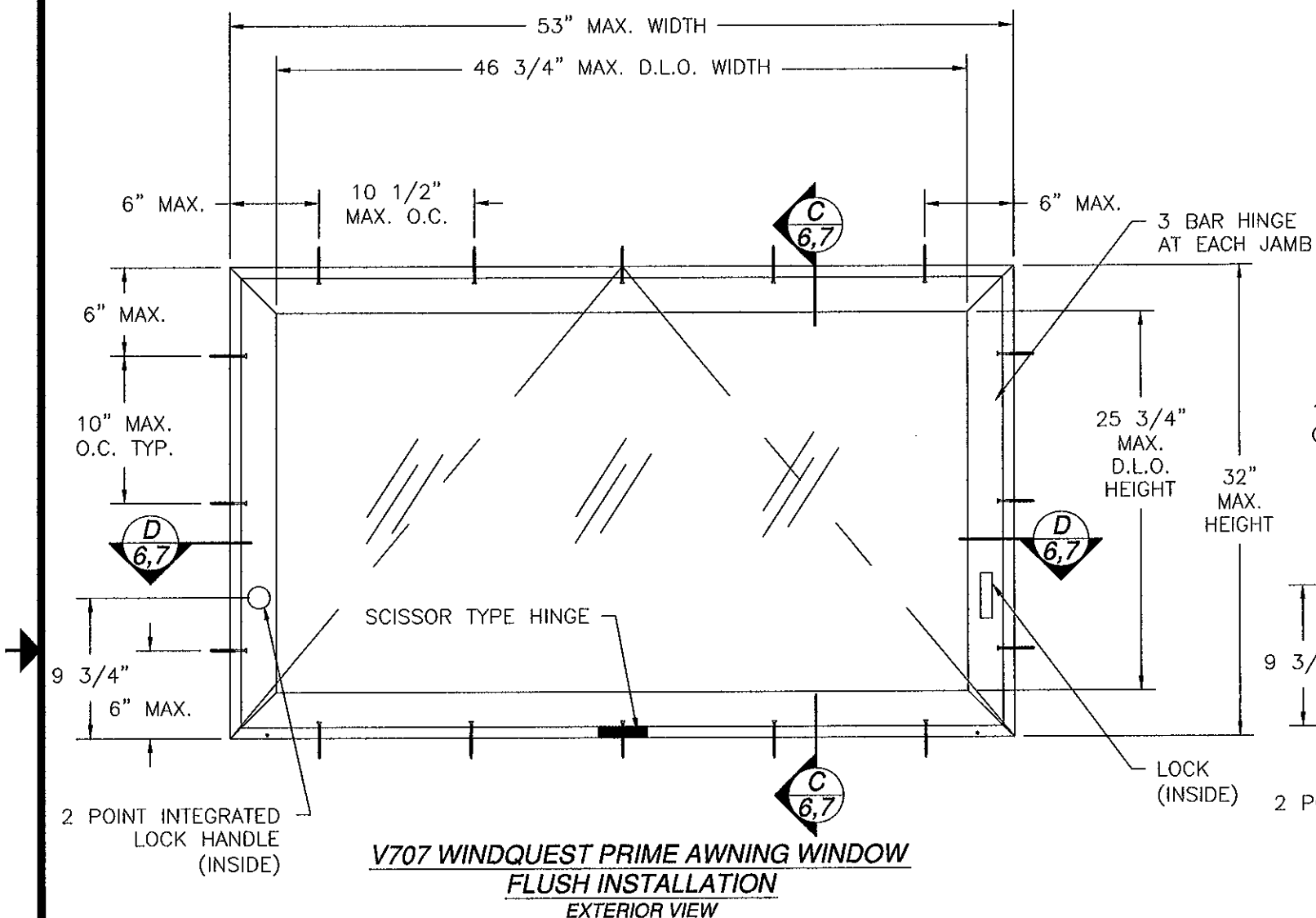
TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION, ANCHORING LAYOUT AND NOTES
2	ELEVATIONS AND ANCHORING LAYOUTS
3	BILL OF MATERISL AND CROSS SECTIONS
4 - 8	INSTALLATION DETAILS
9	COMPONENTS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-0720-05
Expiration Date 09-30-2013
By *Manuel Perez*
Miami/Dade Product Control

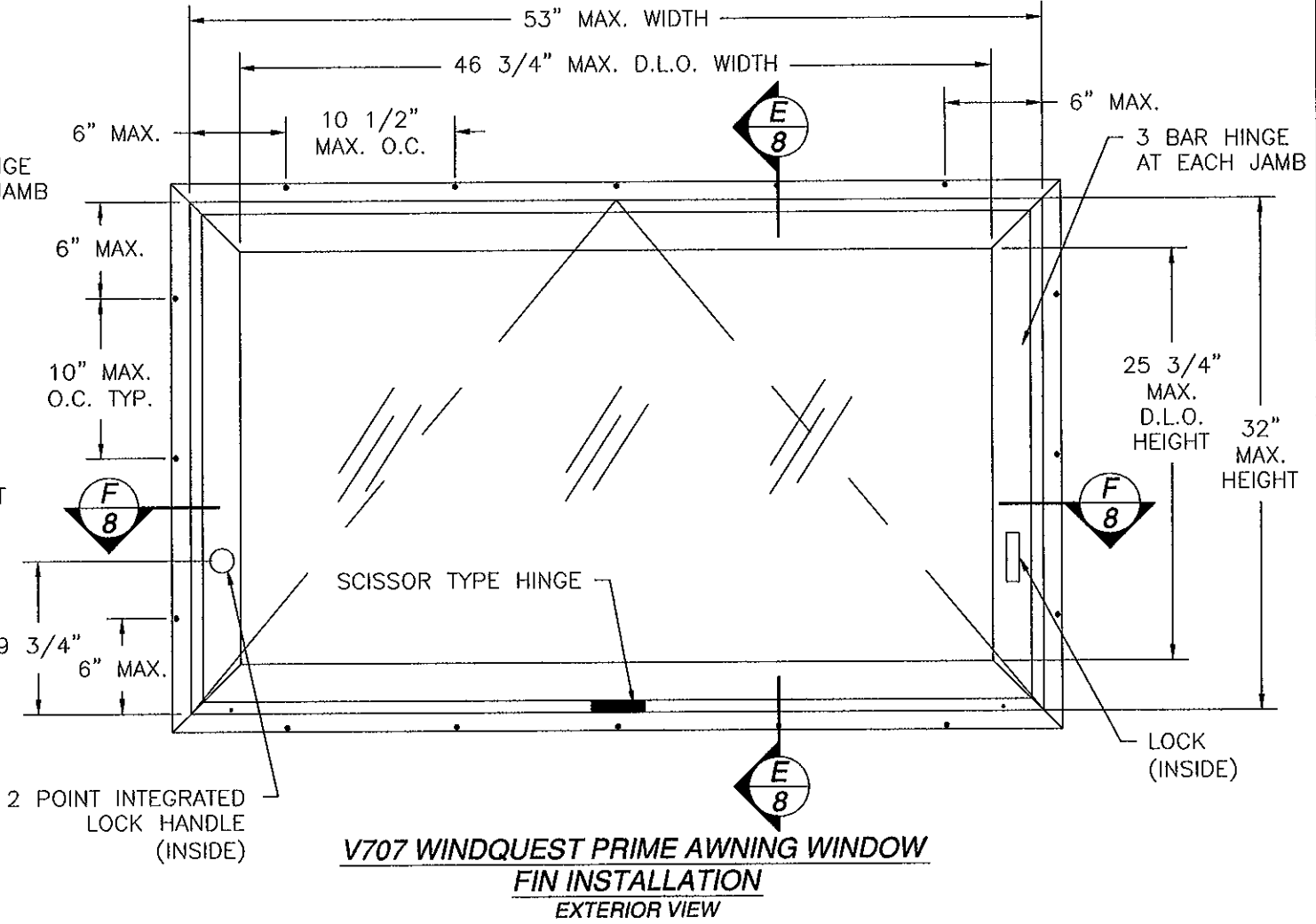
KOLBE & KOLBE MILLWORK 1211 DEPOT ST MANAWA, WI 54949		
V707 WINDQUEST WHITE PVC AWNING WINDOW 53" x 32" - LARGE MISSILE IMPACT ELEVATION, ANCHORING LAYOUT AND NOTES		
DRAWN: R.L.	DWG NO. 08-00340	REV C
SCALE NTS	DATE 12/09/07	SHEET 1 OF 9

Luis R. Lomas
11/01/11
Luis R. Lomas P.E.
Florida No. 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER M.D. COMMENTS	9/16/08	R.L.
B	UPDATED PER NEW TESTING	03/11/11	R.L.
C	REVISED CROSS SECTIONS CALLOUTS	09/08/11	R.L.



DESIGN PRESSURE RATING	IMPACT RATING
±60PSF	LARGE AND SMALL MISSILE IMPACT



DESIGN PRESSURE RATING	IMPACT RATING
±60PSF	LARGE AND SMALL MISSILE IMPACT

THIS UNIT IS ALSO ANCHORED THRU THE SNUBBERS AND MULTI POINT BAR GUIDE WITH #10X2 1/2" WOOD SCREWS OR 3/16"X2 1/2" TAPCONS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-0720-05
Expiration Date OCT. 30, 2013
By *Mmanuel Pava*
Miami Dade Product Control

KOLBE & KOLBE MILLWORK

1211 DEPOT ST
MANAWA, WI 54949

V707 WINDQUEST WHITE PVC AWNING WINDOW

53" x 32" – LARGE MISSILE IMPACT

ELEVATIONS AND ANCHORING LAYOUTS

DRAWN: R.L.

DWG NO. 08-00340

REV C

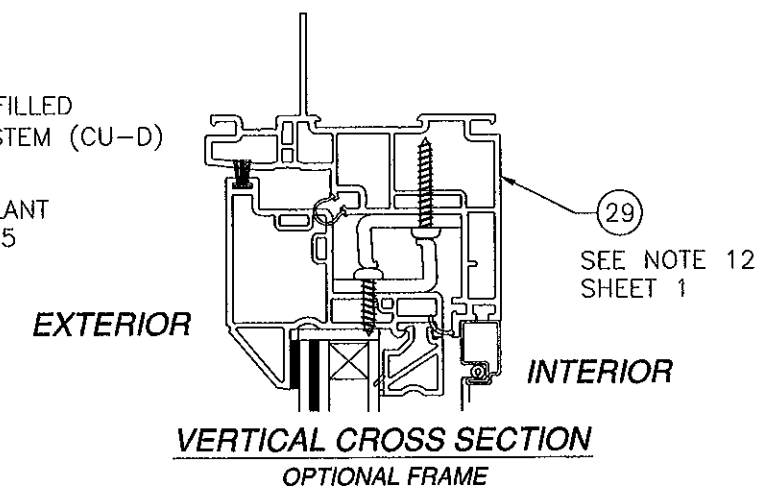
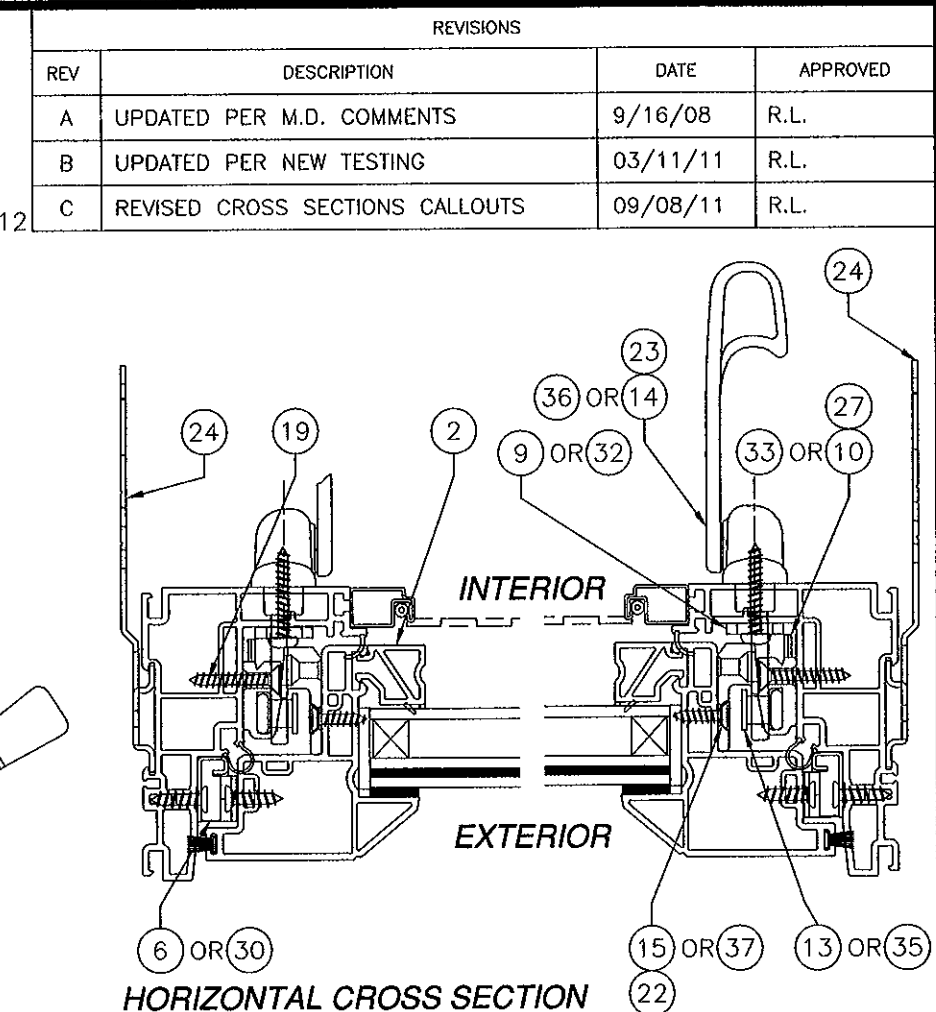
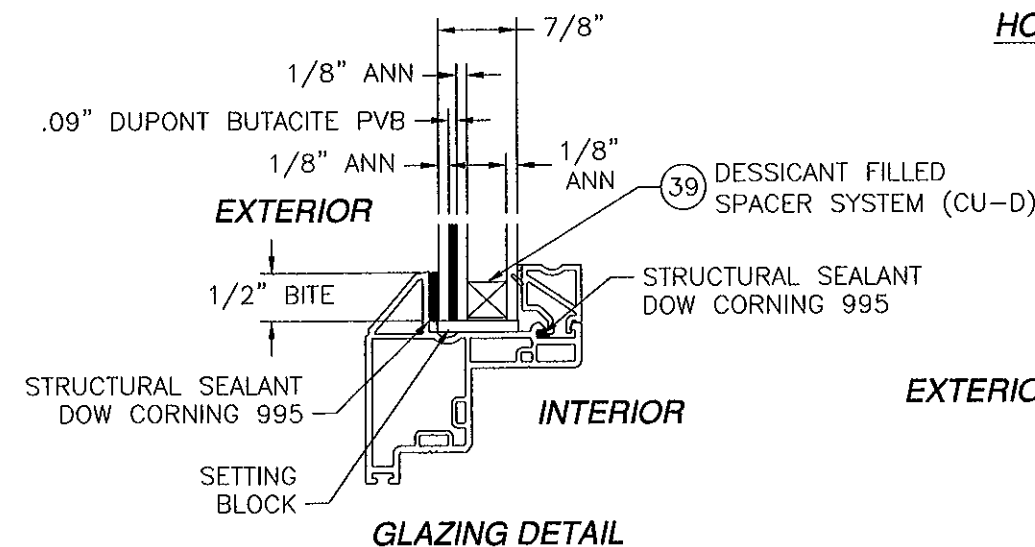
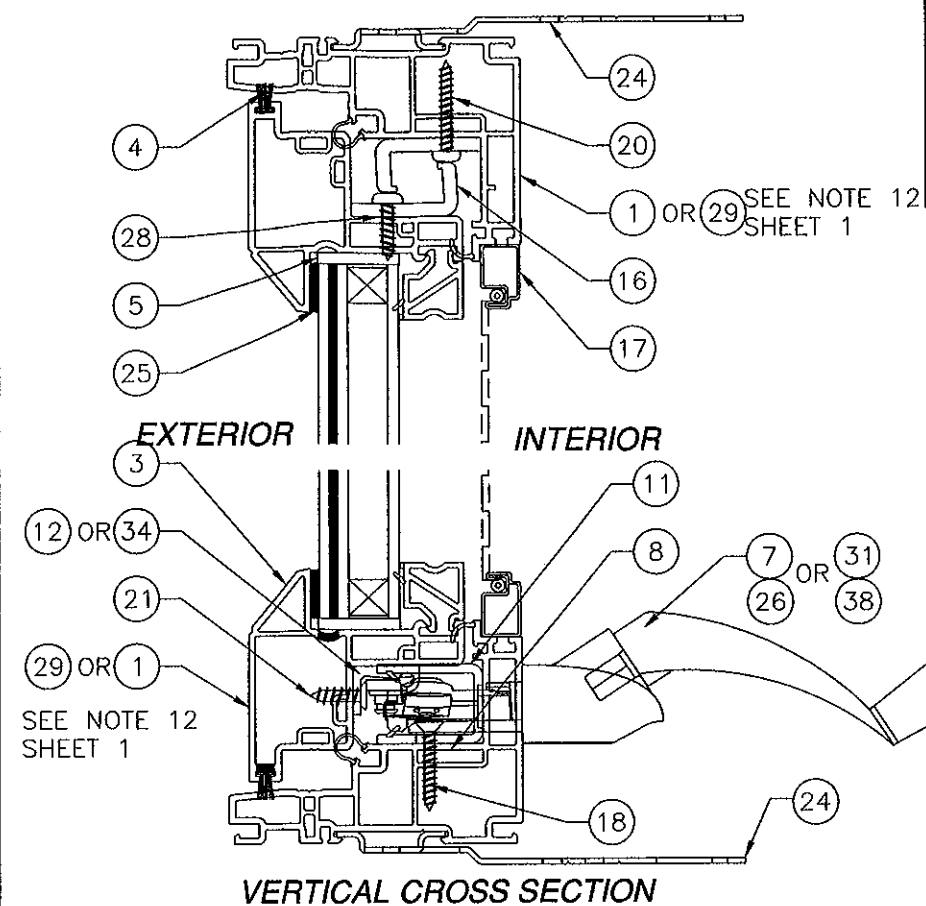
SCALE NTS

DATE 12/09/07

SHEET 2 OF 9

Luis R. Lomas
11/01/08
Luis R. Lomas P.E.
Florida No. 62514

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	4506	FRAME	THERMOPLAST INC	WHITE PVC
2	4413	7/8" GLAZING BEAD	THERMOPLAST INC	WHITE PVC
3	8619	SASH	THERMOPLAST INC	WHITE PVC
4	PB-8830-187	WEATHER STRIP	SCHLEGEL	
5		SETTING BLOCK (23X50.8X32mm)		80 DUROMETER
6	HG040-703	HINGES	ROTO	
7	OP05-7540	AWNING DUAL ARM OPERATOR	ROTO	
8	OP05-1003-51	1/8" BOTTOM SPACER	ROTO	
9	G2HNDLPLT-02	FASTENER PLATE	ROTO	
10	LB05-1004-51	TIE BAR GUIDE	ROTO	
11	6011	OPERATOR RETAINER		
12	OP05-8020	OPERATOR TRACK	ROTO	
13	LB06-7770	TIE BAR	ROTO	
14	LM08-7520-00	LOCK	ROTO	
15	LB05-1003-51	KEEPER	ROTO	
16	6067	SNUBBER		
17		7/16" SCREN FRAME		
18		OPERATOR SCREWS FH #8 X 1"		
19		HINGE SCREWS FH #7 X 5/8"		
20		SNUBBER SCREWS FH #8 X 1"		
21		OPERATOR TRACK SCREWS		
22		KEEPER SCREWS FH #8 X 5/8"		
23	4052	LOCK SCREWS PH #8 X 1"		
24	4560	INTALLATION STRIP		STEEL G60
25	995	STRUCTURAL SEALANT	DOW CORNING	
26	OP05-7810	HANDLE	ROTO	
27		TIE BAR GUIDE SCREW FH #8 X 1"		
28		SNUBBER SCREWS # 8 X 1"		
29	4506E	NAILING FIN FRAME	THERMOPLAST INC	WHITE PVC
30	14.97	HINGES	TRUTH	
31	50.00	AWNING DUAL ARM OPERATOR	TRUTH	
32	21600E	FASTENER PLATE	TRUTH	
33	10276	TIE BAR GUIDE	TRUTH	
34	41014	OPERATOR TRACK	TRUTH	
35		TIE BAR	TRUTH	
36	24-33	LOCK	TRUTH	
37	41129	KEEPER	TRUTH	
38	11454	HANDLE	TRUTH	
39		SPACER		STEEL



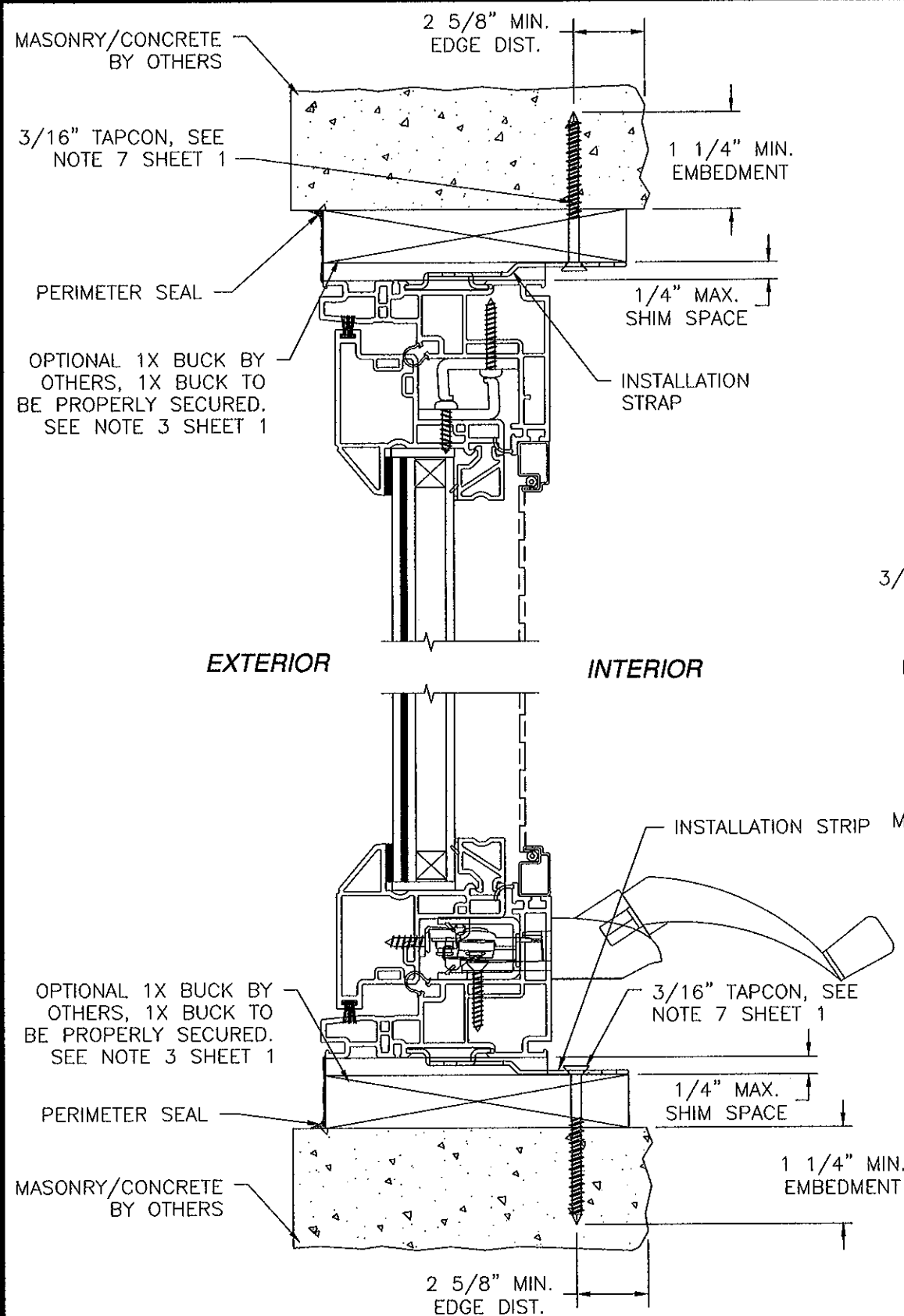
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-0720-05
Expiration Date 07/30/2013
By *Manuel Perez*
Miami Dade Product Control

KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, WI 54949

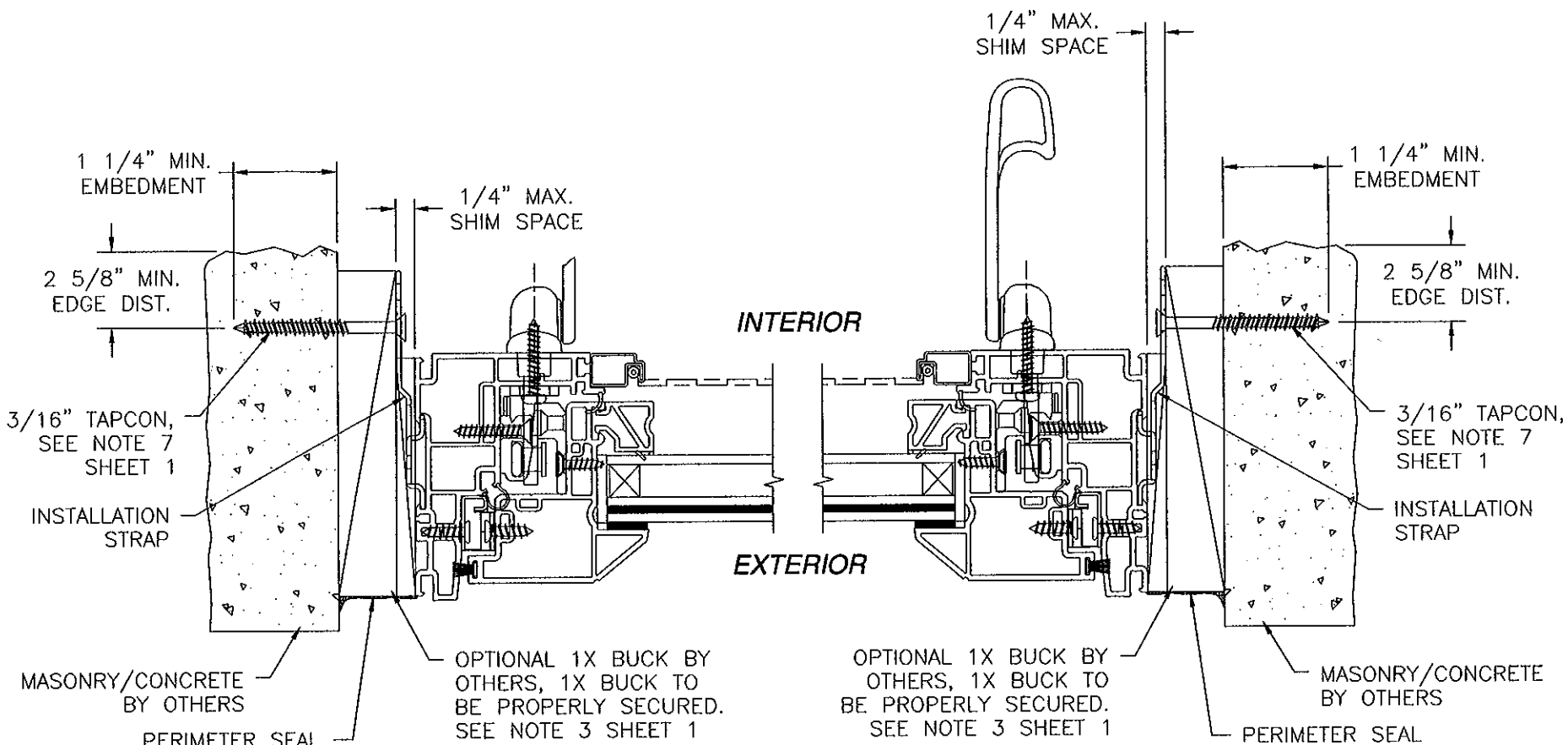
V707 WINDQUEST WHITE PVC AWNING WINDOW
53" x 32" - LARGE MISSILE IMPACT
BILL OF MATERIALS AND CROSS SECTIONS

DRAWN: R.L. DWG NO. 08-00340 REV C
SCALE NTS DATE 12/09/07 SHEET 3 OF 9

Luis R. Lomas
11/01/11
Luis R. Lomas P.E.
Florida No. 62514



SECTION A
STRAP INSTALLATION
MASONRY/CONCRETE



SECTION B
STRAP INSTALLATION
MASONRY/CONCRETE

REVISIONS			
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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **11-0720.05**
Expiration Date **Oct 30, 2013**
By *Manuel Perez*
Miami Dade Product Control

KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, WI 54949

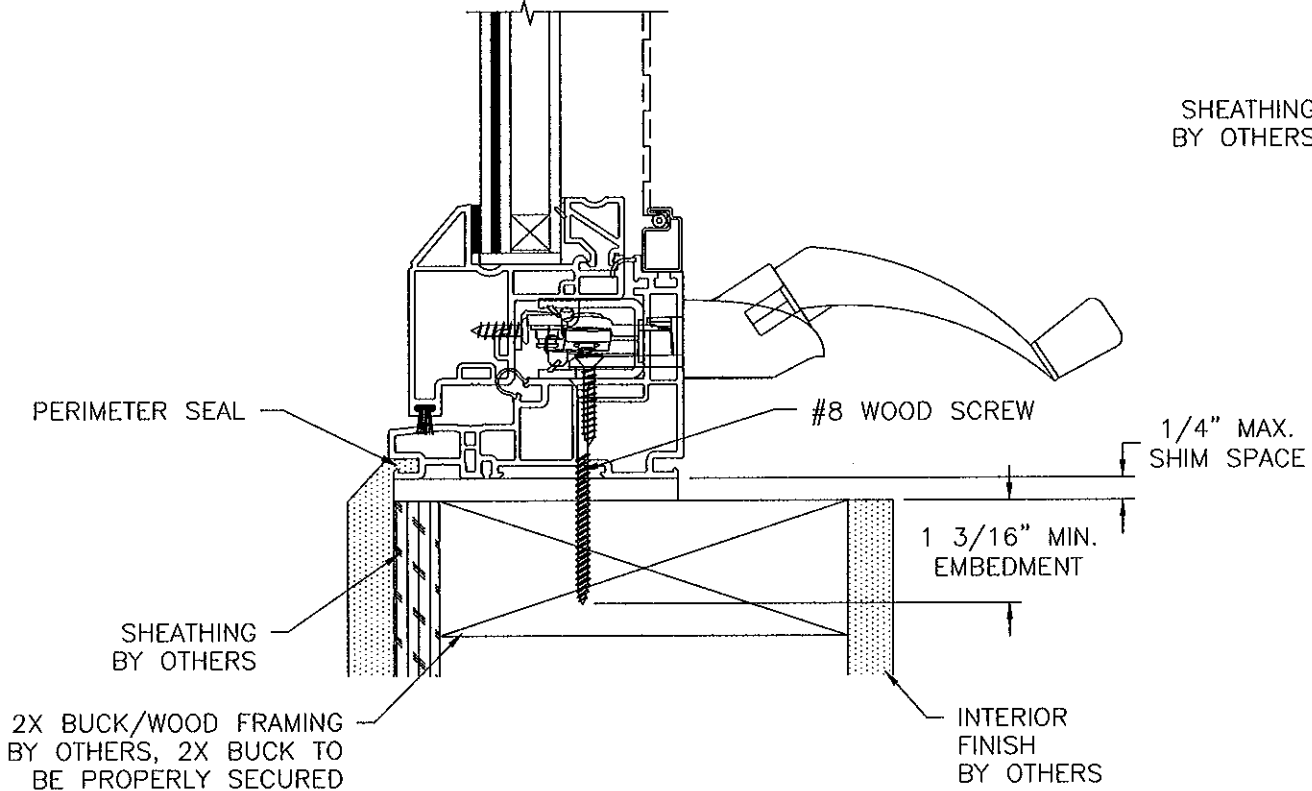
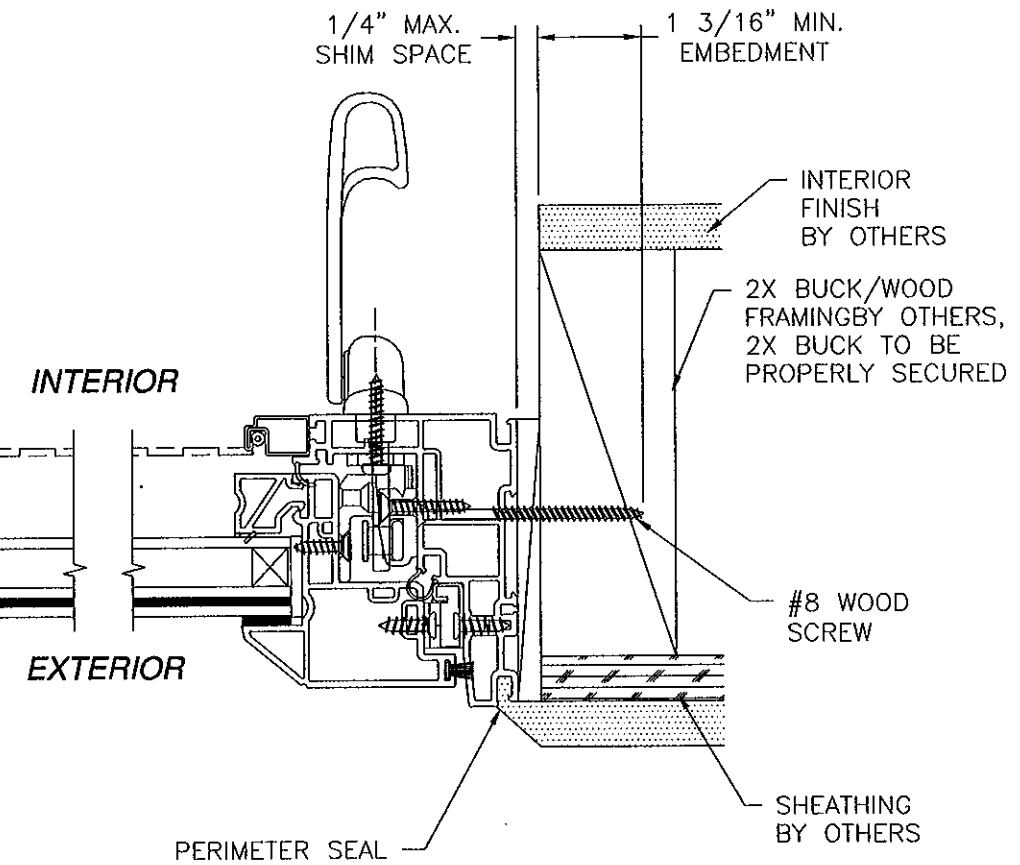
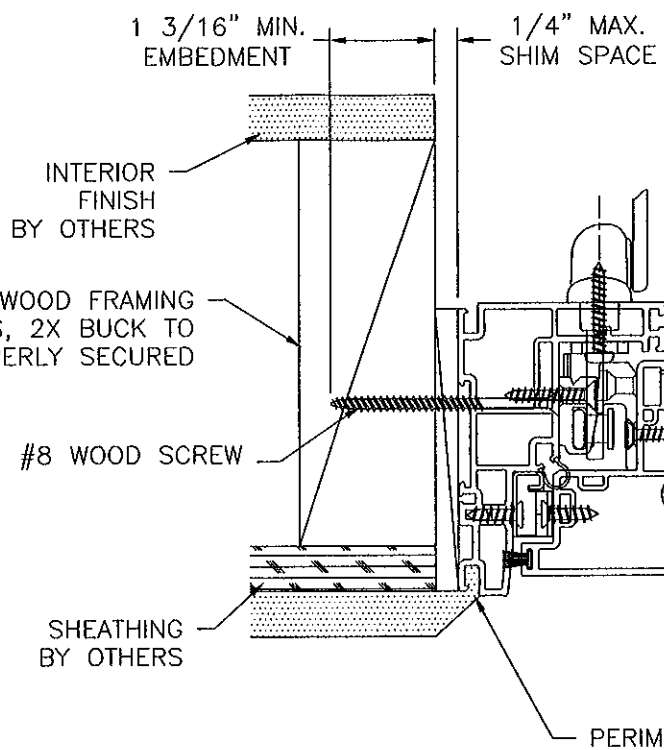
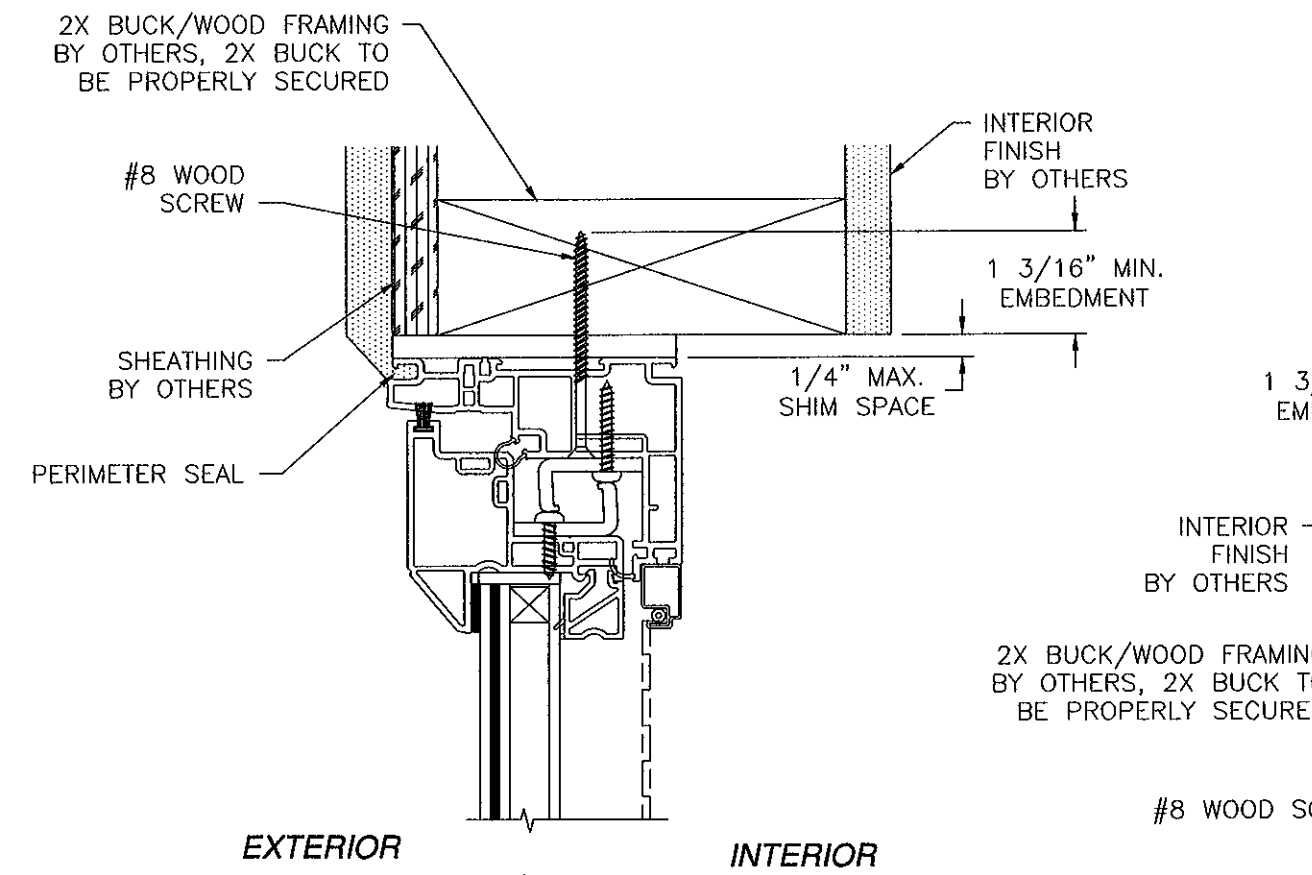
V707 WINDQUEST WHITE PVC AWNING WINDOW
53" x 32" - LARGE MISSILE IMPACT
STRAP INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-00340	REV C
SCALE NTS	DATE 12/09/07	SHEET 5 OF 9

Luis R. Lopez
11/01/11

Luis R. Lopez P.E.
Florida No. 62514

REVISIONS			
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SECTION
FLUSH INSTALLATION
2X BUCK/WOOD FRAMING

SECTION
FLUSH INSTALLATION
2X BUCK/WOOD FRAMING

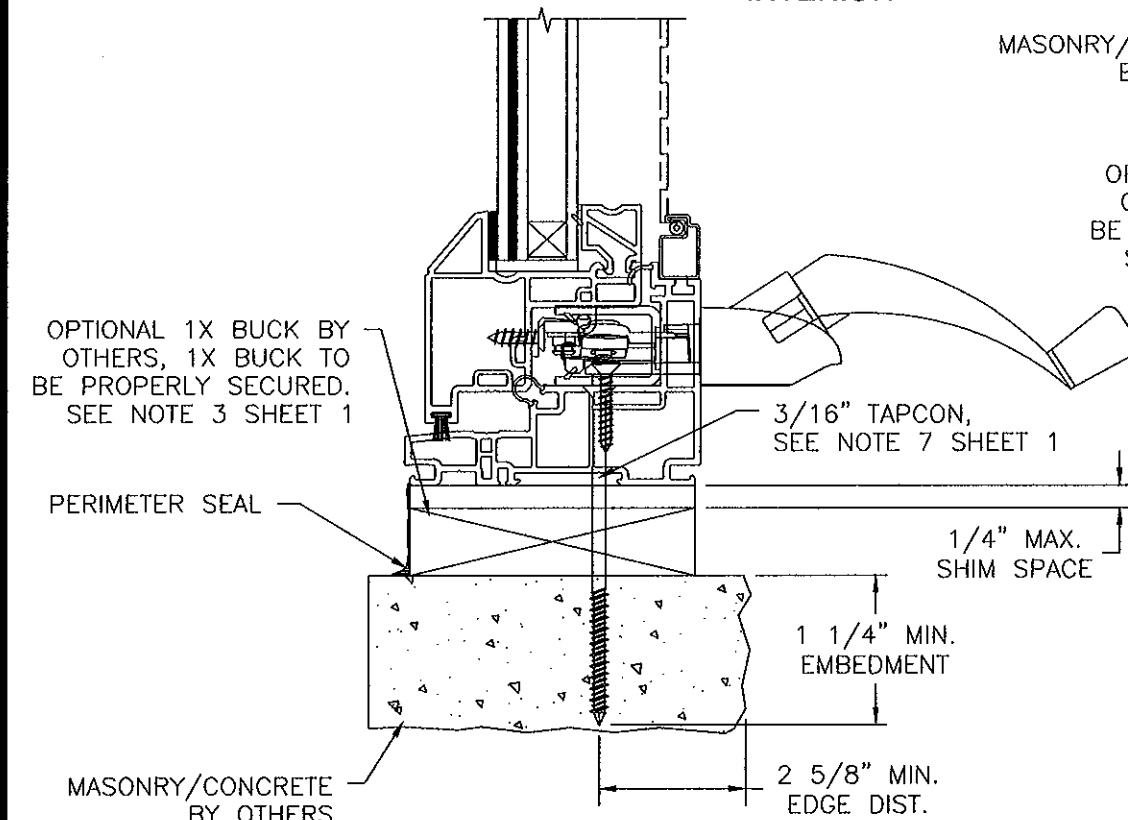
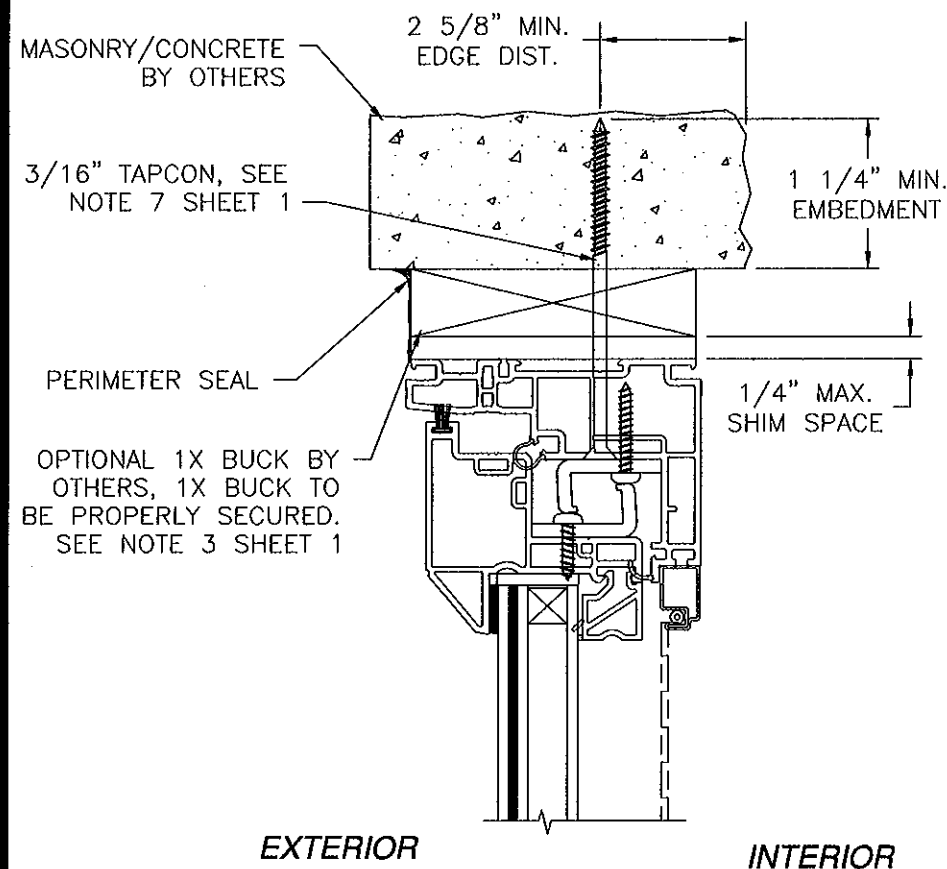
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Building Code
Acceptance No. **11-0720.05**
Expiration Date **04-30-2013**
By *Manuel Perez*
Miami Dade Product Control

KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, WI 54949

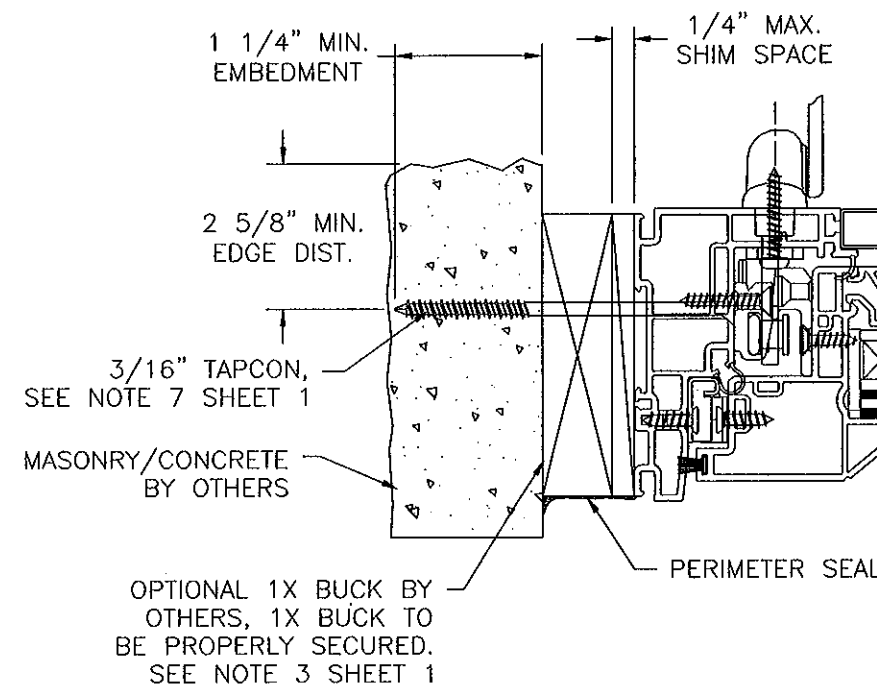
V707 WINDQUEST WHITE PVC AWNING WINDOW
53" x 32" - LARGE MISSILE IMPACT
FLUSH INSTALLATION DETAILS

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SCALE NTS	DATE 12/09/07	SHEET 6 OF 9

Luis R. Lomas
Luis R. Lomas P.E.
Florida No. 62514

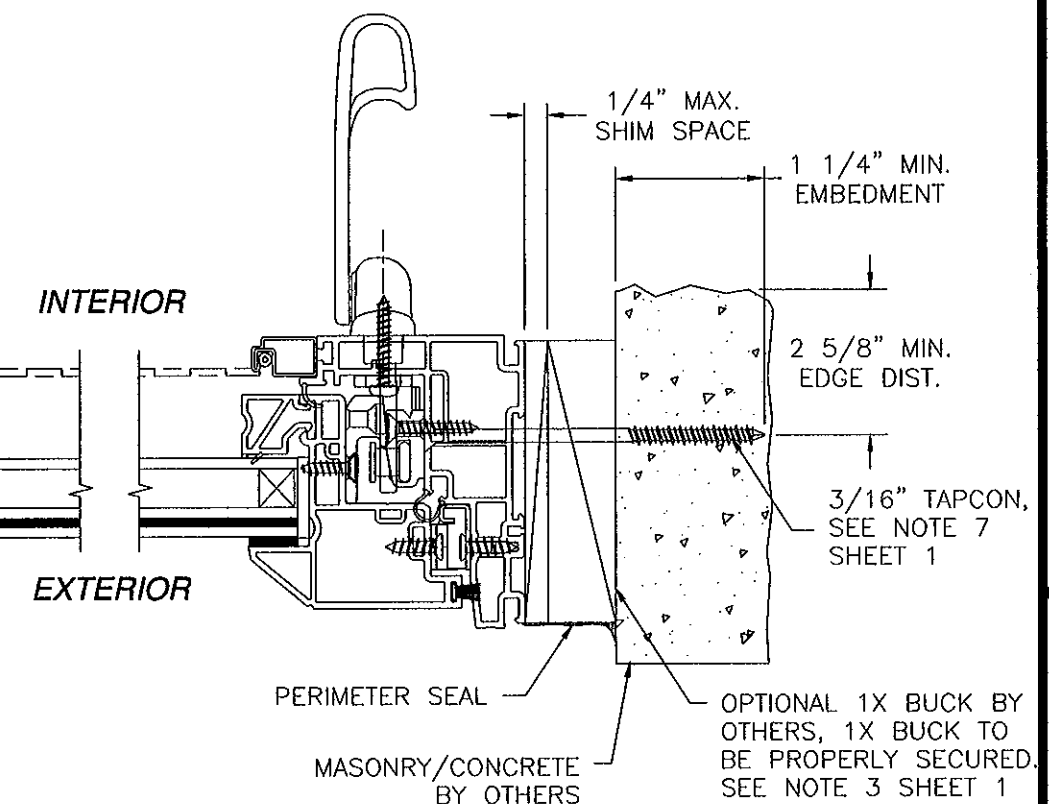


SECTION C
FLUSH INSTALLATION
MASONRY/CONCRETE



SECTION D
FLUSH INSTALLATION
MASONRY/CONCRETE

REVISIONS			
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PRODUCT REVISED
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Acceptance No. 11-0720.05
Expiration Date 07/30/2013
By: *Manuel Serrano*
Miami Dade Product Control

KOLBE & KOLBE MILLWORK

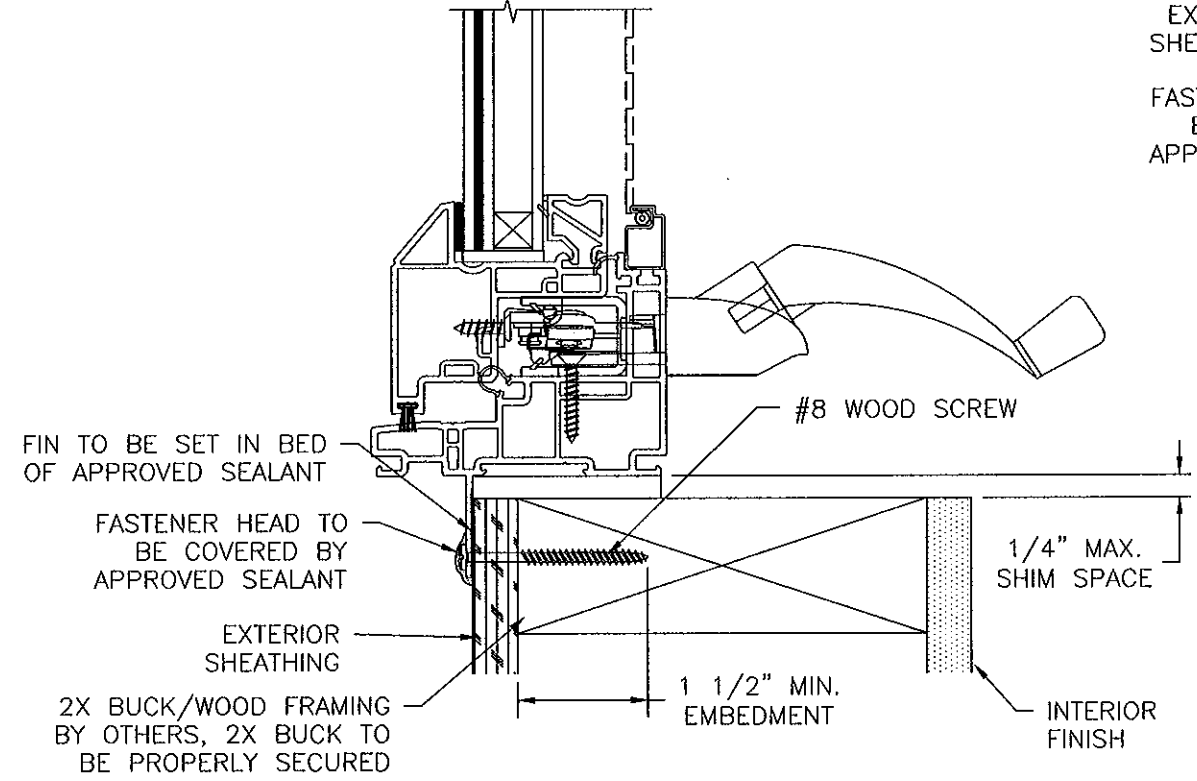
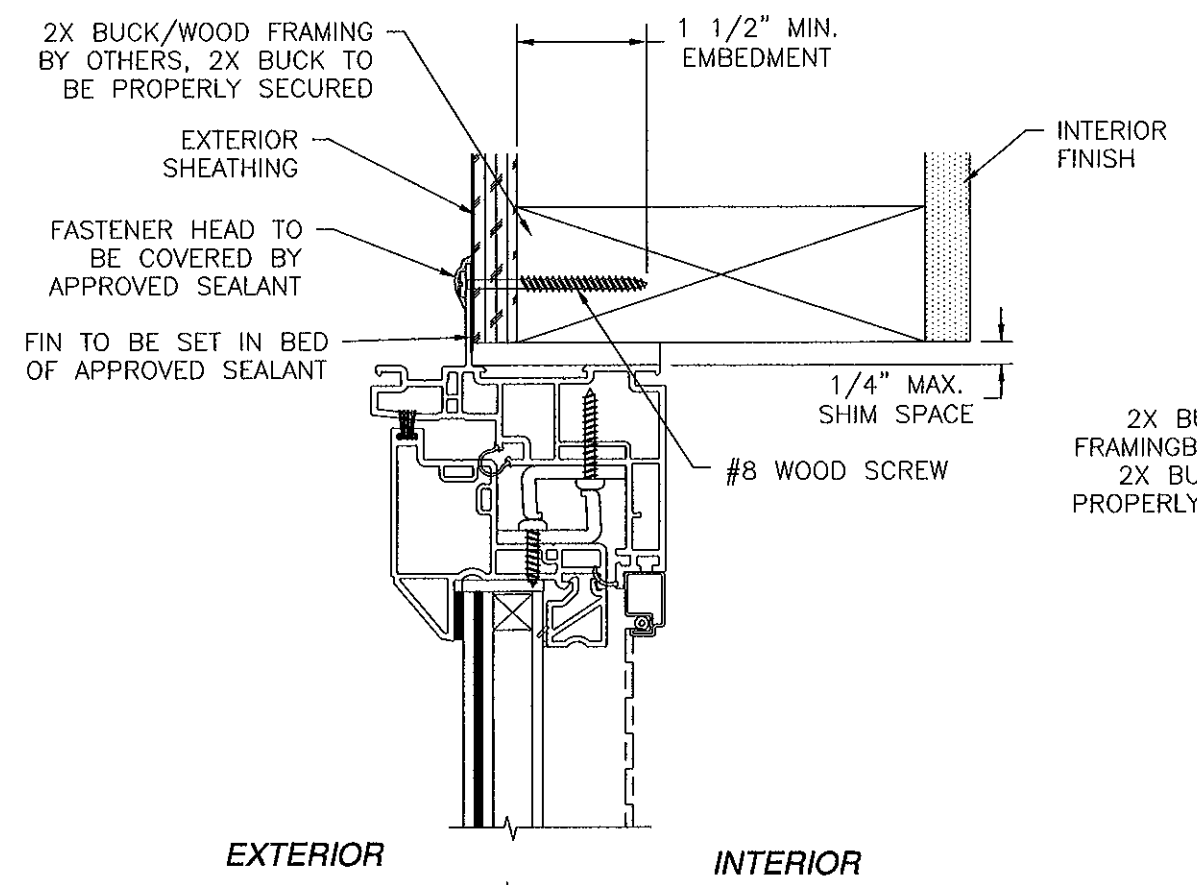
1211 DEPOT ST
MANAWA, WI 54949

V707 WINDQUEST WHITE PVC AWNING WINDOW
53" x 32" - LARGE MISSILE IMPACT
FLUSH INSTALLATION DETAILS

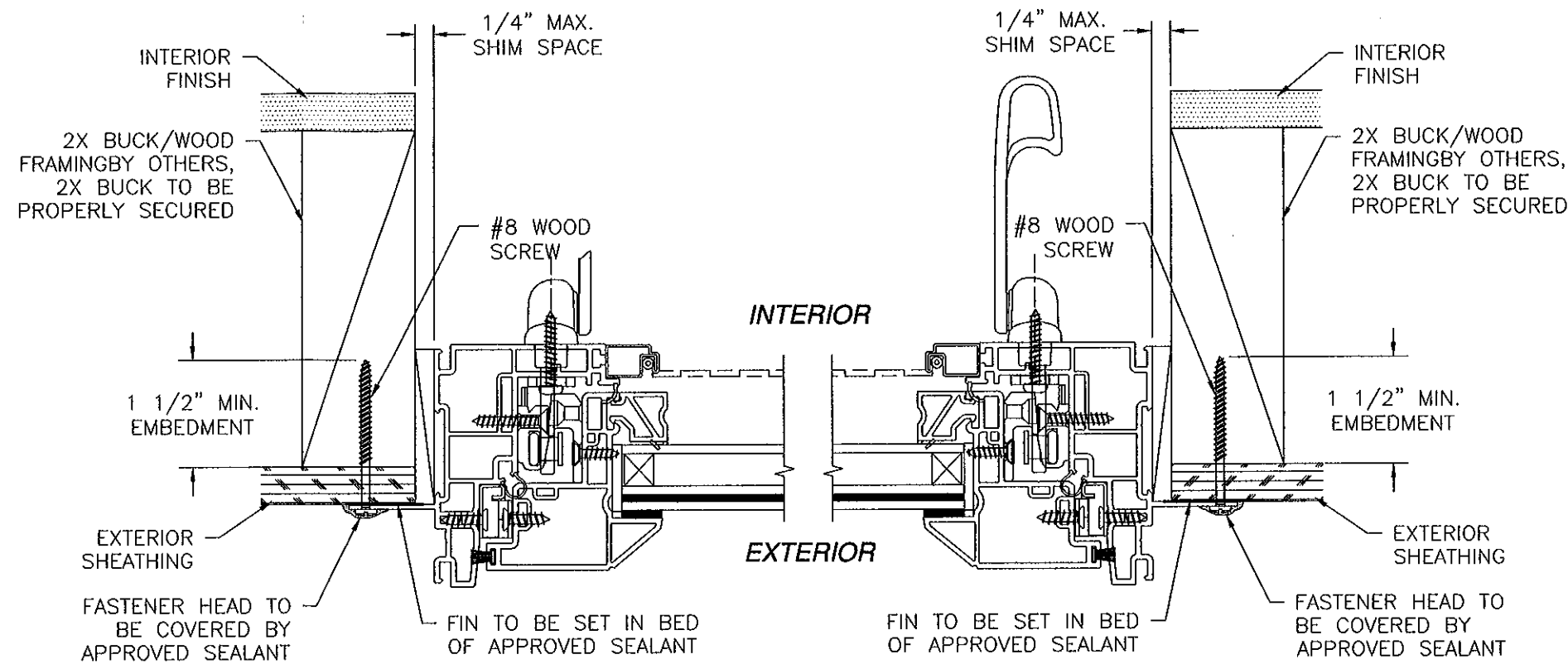
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SCALE NTS	DATE 12/09/07	SHEET 7 OF 9

Luis R. Longs
11/01/11
Luis R. Longs P.E.
Florida No. 62514

REVISIONS			
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SECTION E
FIN INSTALLATION
2X BUCK/WOOD FRAMING



SECTION F
FIN INSTALLATION
2X BUCK/WOOD FRAMING

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. **11-0720.05**
Expiration Date **07/30/2013**

By *Manuel Perez*
Miami Dade Product Control

KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, WI 54949

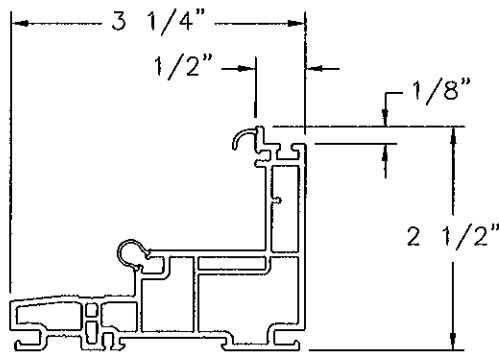
V707 WINDQUEST WHITE PVC AWNING WINDOW
53" x 32" - LARGE MISSILE IMPACT
FIN INSTALLATION DETAILS

Luis R. Lomas
11/01/11

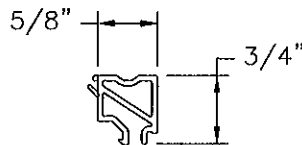
Luis R. Lomas P.E.
Florida No. 62514

DRAWN: R.L.	DWG NO. 08-00340	REV. C
SCALE NTS	DATE 12/09/07	SHEET 8 OF 9

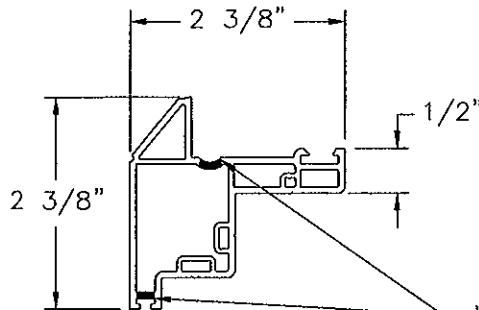
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① **FRAME**
VINYL PVC .071 THICK

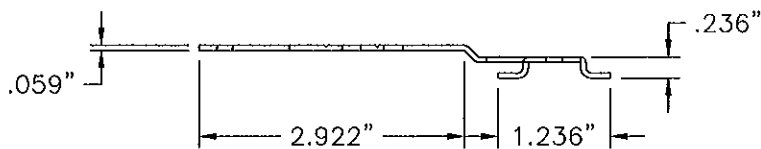
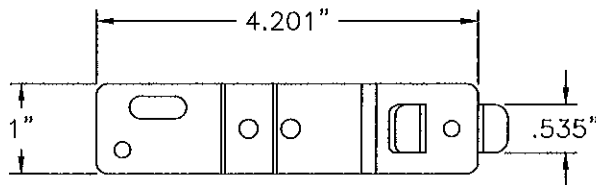


② **GLAZING BEAD**
VINYL PVC .059 THICK

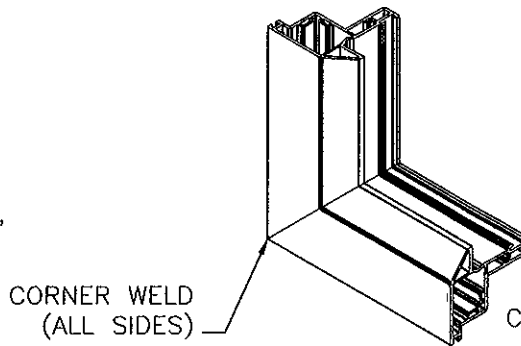


③ **SASH**
VINYL PVC .071 THICK

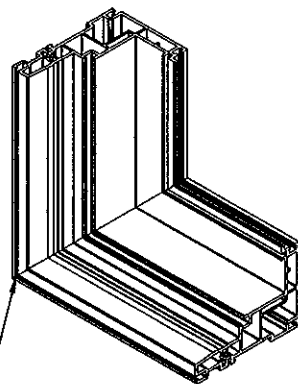
NOTE:
1.- 5/32" DIAMETER WEEP HOLE LOCATED 2 1/2" FROM EACH END OF SASH BOTTOM RAIL.



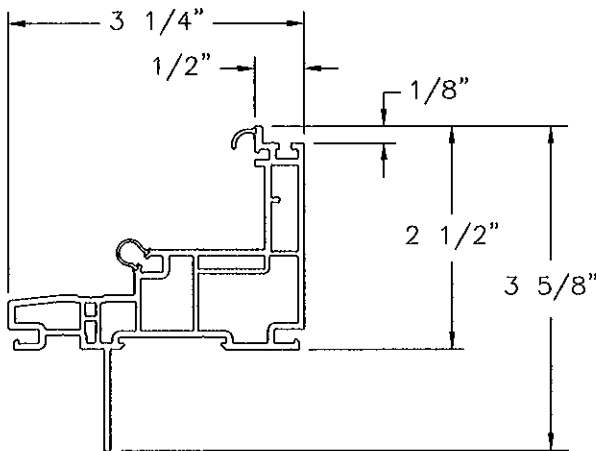
②④ **INSTALLATION STRIP**
GALVANIZED STEEL G60



SASH CORNER CONSTRUCTION



FRAME CORNER CONSTRUCTION



②⑨ **NAILING FIN FRAME**
VINYL PVC .071 THICK

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-0720-05
Expiration Date 04-30-2013
By *Marcus Perez*
Miami/Dade Product Control

KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, WI 54949

V707 WINDQUEST WHITE PVC AWNING WINDOW
53" x 32" - LARGE MISSILE IMPACT
COMPONENTS

DRAWN: R.L.	DWG NO. 08-00340	REV C
SCALE NTS	DATE 12/09/07	SHEET 9 OF 9

Luis R. Lomas
11/01/11
Luis R. Lomas P.E.
Florida No. 62514